iconBIT XDS100GL

User Manual

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1. Introduction.

1.1 General Information

Dear Customer!

Thank you for choosing the iconBIT device. We hope that you will be satisfied by using our device for home entertainment. The iconBIT multimedia HD-player allows playing high-quality digital video, audio and photo from different sources on an analogue TV, HDTV (TV supporting high-definition video), home theater and other devices.

1.2 Key Features

This iconBIT Multimedia HD-player has the following functions:

Audio/Video outputs
- HDMI V1.3 for high-definition video and digital audio
- Composite & component video and stereo audio for analog audio-visual connection
- S/PDIF coaxial & optical interface for high-fidelity digital audio
- Adjustable video output resolution (NTSC, PAL, 480p, 576p, 720p, 1080i, 1080p)

Multimedia Playback
- Supports major audio, video and image file formats (1080p HD video decoding)
- Movie format: AVI/MKV/TS/TP/TRP/M2TS/MPG/MP4/M4V/MOV/VOB/ISO/IFO/DAT/ WMV/ASF/RM/RMVB/FLV
- Music format: MP3/OGG/WMA/WAV/FLAC/APE
- Photo format: HD JPEG/BMP/GIF/TIF/PNG
- Photo slide show with background music

DVB-T TV
- Digital Video Broadcasting Terrestrial (DVB-T) TV reception
- Double-tuner, allow to watch other programs while recording
- Electronic Program Guide (EPG), Teletext and subtitle
- Loop out the DVB-T signal received from Aerial

Video Recording
- One button recording and scheduled recording, can easily record programs from DVB-T TV, DVD player, DV, etc., and save as MPEG-2 (.mpg, or .ts) format;
- Time shifting function

Interfaces Support
- 2 x USB 2.0 HOST port (for external USB storage devices)
- USB 3.0 DEVICE port (for computer connection)
- SD card slot

Network Feature
- A/V streaming/transmission via Ethernet (10M/100M/1000M) & Wi-Fi (802.11b/g/n, optional)
- File sharing via Samba server
- A/V streaming via UPnP Media Server
- BitTorrent download (controlled and managed via web server)
- Digital Radio (SHOUTcast)

File Copy
- Supports copying & moving files among Card, USB, HDD, and Network.

Note: *All the features and functions associated with DVB-T and video recording require a build in DVB-T tuner (sold separately).*

Note: *All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.*

1.3 Packing List

Part	Quantity
Multimedia player	1
Remote Control	1
A/V cable	1
AC/DC adaptor	1
AC/DC adaptor Power Cord	1
USB 3.0 cable	1
User manual (printed)	1

Note: *The actual contents in the package might be different from the packing list in this manual.*

1.4 Safety instructions

Please read the safety instructions carefully prior to using the device. Keep the instructions in an easily accessible location for further use.

Warning signs

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure the may be of sufficient magnitude to constitute a risk of electric shock to persons.	ALERT: To reduce the risk of electric shock, do not remove the back cover. No user serviceable parts inside. Refer servicing to qualified service personnel.	The exclamation point within an equilateral triangle, is intended to alert the user to the presence of important and maintenance (servicing) instructions in the literature accompanying the appliance.

Precautions concerning power supply:
- Do not plug many devices into one electric socket. This may lead to an overcharge, combustion or electrical trauma.
- Do not touch the plug with wet hands. This may lead to electrical trauma, short circuiting and combustion.
- When connecting an electric cable, make sure that the cable is protected from damaging and is not being subject to any tension.
- It is essential to use the recommended power unit type with characteristics that comply with the specification.
- If you are not planning to use the media player for a long time, you should disconnect it from the power system in terms of safety and energy saving. Keep in mind, that even being in standby mode the device consumes electric energy.
- You should not connect the device to the power system immediately after bringing it from a cold surrounding to a warm one. Unpack the device and leave it in the warm environment for 2 to 3 hours to let the condensate evaporate from the inner parts of the device.

Effect of radio interference and magnetic field:
- In case of absence of adequate screening virtually any electronic device becomes subject to radio interference. In some conditions the radio interferences may affect the operation of the media player.

- The iconBIT media player is designed in compliance with the FCC/CE standard, as well as the following statements:
a. This player does not produce any harmful interference or emission;
b. When placed close to a source of strong radio interference the player may not be able to function properly.
- Do not locate the device close to sources of strong magnetic fields. Such field may damage data on your hard disk. In such case we will not be responsible for integrity of data on your hard disk.

Installation precautions:
- The device is designed for indoor usage. Do not expose it to direct sunlight; do not locate it next to any heat sources, heaters, radiators or refrigerating equipment. The operational temperature should be within the range of +5°C to +35°C.
- Protect the device from getting wet as this may lead to combustion or electrical trauma.
- Do not place any containers with liquid on top or next to the player.
- Do not use the device in high humidity, e.g. in a bathroom or a swimming pool.
- When installing the device in an enclosed space, make sure there is enough space for the device to cool via heat emission. Do not cover vent holes of the device, so that sufficient amounts of air could enter the device body.
- Do not place the device on an uneven or unsteady surface. Do not drop the device and protect it from other objects getting dropped onto it.

Comments on the use of the remote control (RC):
-Point the RC directly at the infrared receiver of the device. Otherwise the RC may not function properly.
-Handle the RC with care. In case of loss of RC, contact the service centre to order a new one. A large portion of functions of the device is accessible only via the RC.

Operation precautions:
- Other devices and associated equipment should be connected via audio and video cables only when the devices are switched off.
- Do not use the device during thunder to prevent breakdown.
- Do not use the player together with any devices, which it does not support – this may lead to player breakdown.
- Do not push the player buttons to hard.
- When disconnecting the device from PC USB hub, always use the "Safely Remove Hardware" functionality to prevent data loss.

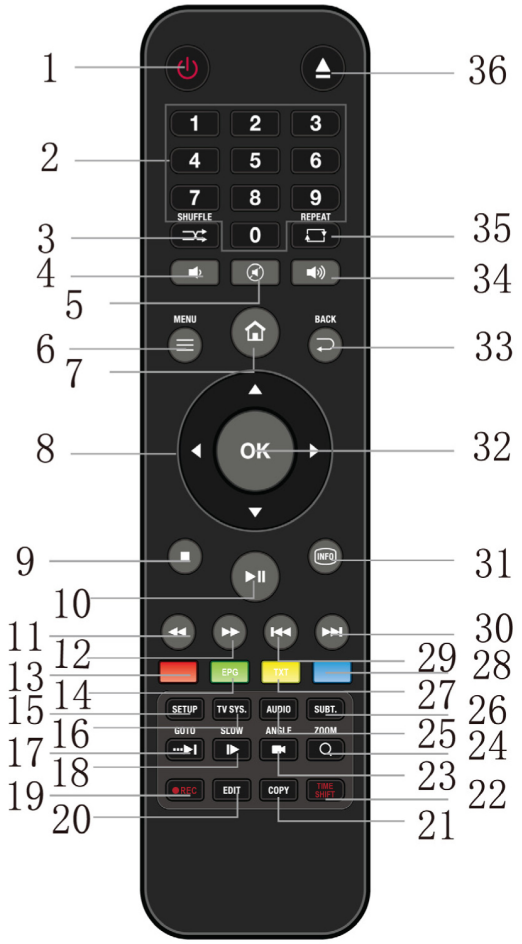
Maintenance:
- When cleaning the device, always unplug the power cable. Use a soft cotton tissue or similar, that does not produce electrostatic charge.
- Never use gasoline or any other dissolvent for cleaning the player, as they might damage the device.
- In case of severe dirtying wet wipes for computers may be used.

Comments on equipment repairs:
- It is forbidden for users to modify the design of the device. Do not disassemble the player. In case of device breakdown due to self-performed repairs or modification, no warranty service will be provided.
- Should any malfunction appear, the device must be taken to an authorized service centre, where personnel will perform diagnostics and repair.

	Do not dispose the device. The product is recyclable. Utilization requirements should be met. In some countries utilization of electronic devices is in the scope of specialized guidelines; please refer to relevant local organizations for additional information.

2. About the player

2.1 Remote Control



1. Power
2. Numeric buttons
3. Shuffle
4. VOL-
5. Mute
6. Menu
7. Home
8. Navigational buttons
9. Stop
10. Play/Pause
11. FR
12. FF
13. Red
14. EPG(Green)
15. Setup
16. TV SYS
17. Goto
18. Slow
19. REC
20. Edit
21. Copy
22. Time Shift
23. Angle
24. Zoom
25. Audio
26. Subtitle
27. TXT(Yellow)
28. Blue
29. Prev
30. Next
31. Info
32. OK
33. Back
34. VOL+
35. Repeat
36. Eject

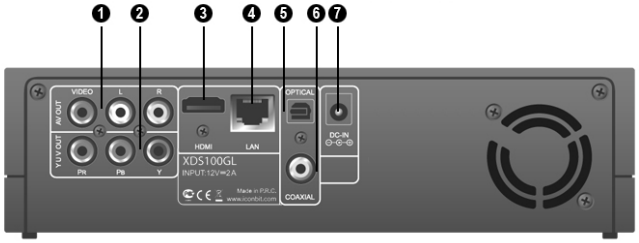
No.	Button	Function
1	**Power**	Press to enter standby mode or wake up.
2	**Numeric buttons**	Press to enter channel numbers or numeric input when changing settings.
3	**Shuffle**	Press to select shuffle mode during music playback.
4	**VOL-**	Press to decrease the volume.
5	**Mute**	Press to mute audio output, and press again to resume.
6	**Menu**	Press to enable the option menu, where you can change the review mode of file manager and media library; Press to display or hide the option menu during playback.
7	**Home**	Press to enter the home screen.
8	**Navigational buttons**	Press the arrow buttons to select menu options, and the **OK** button to confirm.
9	**Stop**	Press to stop playback.
10	**Play/ Pause**	Press to begin/pause playback.

11	**FR**	Press to fast rewind the current playback. Press repeatedly to select speeds.
12	**FF**	Press to fast forward the current playback. Press repeatedly to select speeds.
13	**Red**	Function is available in virtual keyboard.
14	**EPG (Green)**	Press to enter the Electronic Program Guide which displays an on-screen list of programs for the coming week when watching Digital Terrestrial TV. Press to add the selected files to the playlist under browser menu.
15	**Setup**	Press to enter the setup menu.
16	**TV SYS.**	Press to switch between NTSC, PAL, 480P, 576P, 720P, 1080I, and 1080P.
17	**Goto**	Press to jump to a specific point on a title. Specify the point using Title, Chapter and Time.
18	**Slow**	Press to play back in slow motion. Press the **Play** button to resume regular playback.
19	**REC**	Press to begin recording. Press repeatedly to set one touch recording (OTR) length (30 MIN. / 60 MIN. / 90 MIN. / 120 MIN. / 180 MIN. / 240 MIN. / Off).
20	**Edit**	Press to enter file editing menu in file manager. Press to enter file selecting menu in media library.
21	**Copy**	Press to enter file selecting menu.
22	**Time Shift**	Press to activate the time shift function. Time shift function allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the internal HDD as long as the space is available. Time shift mode remains active until you press the **Stop** button.
23	**Angle**	Press to change the view angle during DVD (with multi-angle) playback.
24	**Zoom**	Press to zoom the image (photo or video).
25	**Audio**	Press to select an audio track.
26	**Subtitle**	Press to set subtitle options. You can change the color/size/offset/text encoding of subtitle.
27	**TXT(Yellow)**	Press to open Teletext OSD if it is available in the broadcasted stream of Digital Terrestrial TV.
28	**Blue**	Press to open/close USB DVD-rom.
29	**Prev**	Press to view the previous file / page up.
30	**Next**	Press to view the next file / page down.
31	**Info**	Press to display current status. Press during playback, an onscreen display appears showing track number and time elapsed/remaining.
32	**OK**	Press **OK** button to confirm.
33	**Back**	Press to return to the previous screen while navigating menus.
34	**VOL+**	Press to increase the volume.
35	**Repeat**	Press to set repeat option.
36	**Eject**	Press to safely remove the USB device.

2.2 Front Panel

1. Infrared receiver window
2. Power button
3. Power indicator
4. Recording indicator

2.3 Back Panel



1. A/V OUT jack
2. Y/Pb/Pr OUT jack
3. HDMI interface
4. RJ-45 LAN socket
5. S/PDIF Optical jack
6. S/PDIF Coaxial jack
7. DC-IN jack

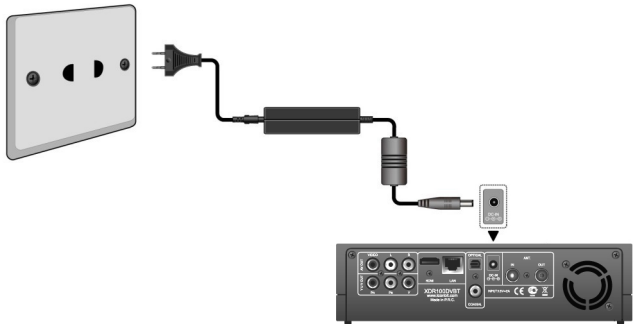
2.4 Side Panels

1. Memory card slot
2. USB 2.0 HOST port (A-Type) x 2
3. USB 3.0 DEVICE port (B-Type)
4. USB CHARGER port

2.5 Connection

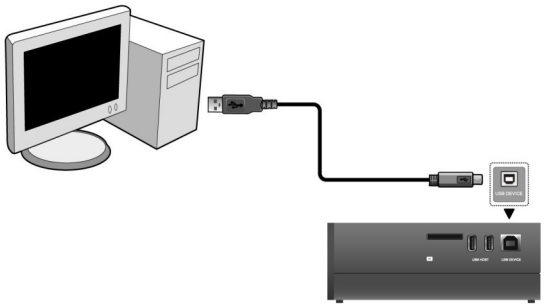
2.5.1 Power connection

(1) Follow the picture and connect the AC adaptor to the player's DC IN jack;
(2) Follow the picture and plug in the AC adaptor to the power outlet.



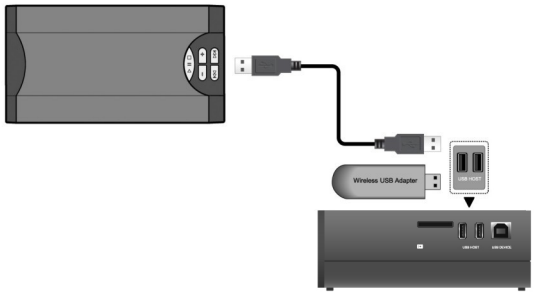
2.5.2 Connecting to a PC

(1) Make sure the player is powered on;
(2) Plug in the squarish connector of the USB cable to this player's USB DEVICE port;
(3) Plug in the rectangular connector of the USB cable to computer.



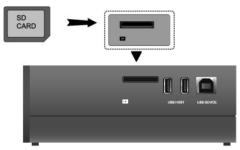
2.5.3 USB Mass Storage Device (like USB stick, USB HDD etc.) Connection

(1) Make sure the player is powered on;
(2) Plug in the USB stick or USB HDD etc. to one of the USB host ports of this player.



2.5.4 Connecting a Memory Card

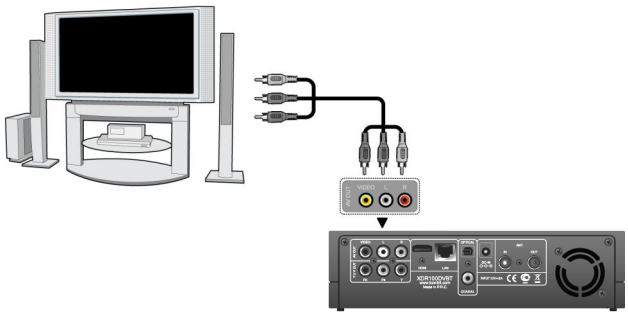
Memory card can be used by inserting to the card slot
(1) Follow the picture to insert the memory card to the card slot properly;
(2) Insert the card by following the arrow pointer in the picture.



2.5.5 TV connection

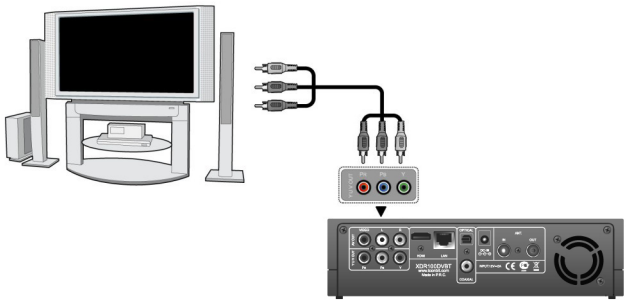
2.5.5.1 A/V OUT

(1) Follow the picture and plug in the 3 color connector to the player's A/V OUT jack;
(2) Follow the picture and plug in the 3 color connector to the TV's A/V IN jack.



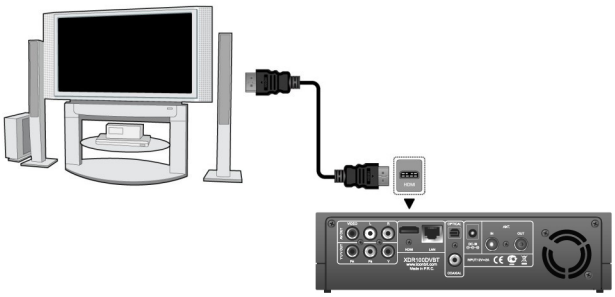
2.5.5.2 Y/Pb/Pr Component OUT

(1) Follow the picture and plug in the connector of the YUV cable to the player's Y/Pb/Pr jack;
(2) Follow the picture and plug in the 3 color connector to the TV's Y/Pb/Pr jack.
Audio Connection while using Y/Pb/Pr Video out:
First method: use the audio output from the A/V OUT jack;
Second method: use the audio output from the S/PDIF Coaxial or Optical jack.



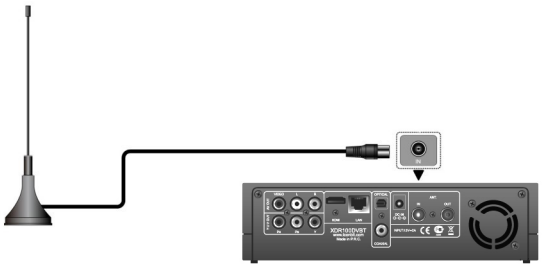
2.5.5.3 HDMI OUT

(1) Follow the picture and plug one connector on your HDMI cable to the player's HDMI jack;
(2) Follow the picture and plug the other connector on your HDMI cable to the TV's HDMI jack.



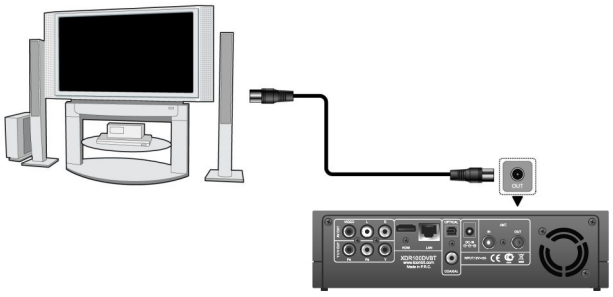
2.5.5.4 ANT. IN

Follow the picture and plug a TV Aerial to the ANT. IN socket;



2.5.5.5 ANT. / RF OUT

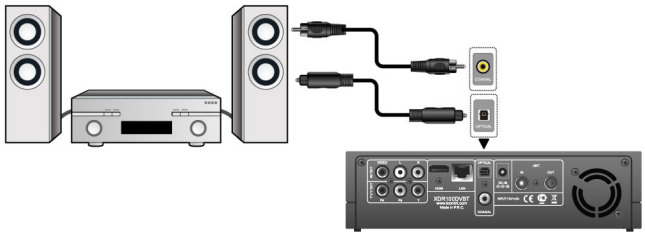
(1) Make sure the player is connecting to power supply;
(2) Make sure a TV Aerial is connecting to the ANT. IN socket;
(3) Follow the picture and plug a TV cable to the ANT. OUT socket then plug the cable to a TV or other TV receiver.



The player can loop out the DVB-T signal to other TV receiver device. In this way, you can watch the TV programs with another TV receiver while recording.

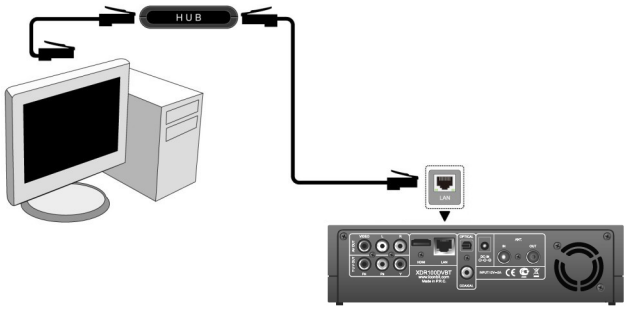
2.5.6 Digital Audio Device connection

(1) Follow the picture and plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack; (not supplied);
(2) Follow the picture and plug in the other connector on your optical fiber to the digital audio device. (not supplied).



2.5.7 Connecting to a LAN

To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable (not supplied).
(1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;
(2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router, switch, or hub devices.



2.5.8 Connecting to a WLAN

(1) Make sure the player is powered on;
(2) Plug the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player.
***Note**: The Wi-Fi Dongle is an optional accessory sold separately. (Please refer to '**3.1.4 Changing Network Settings'** for more details about wireless setup)*

2.6 Player Usage

2.6.1 Power On / Off

Power On
After connecting the DC IN jack and press the power button on the remote control, the player will soon enter the home screen, and the power indicator will turn blue.
Power Off
Press the power button on the remote control, the player will soon enter standby mode, and the power indicator will turn red. Then unplug the power cord to cut off the power supply.

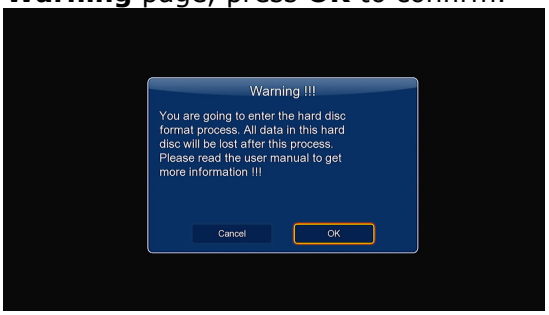
2.6.2 Menu language

The system language of this player can be set to English or other languages. Change the language you wish in the setup menu, the selected language will take effect immediately.

2.6.3 External HDD Format

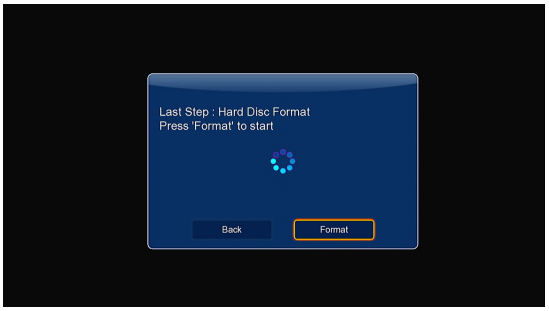
For users who wish to use BT download, Transmission, you need format the external hard disk on the player before usage. Please refer to the following procedures to format the hard disk.

Step 1: Select **OK** on the **Warning** page, press **OK** to confirm.


Warning !!!
You are going to enter the hard disc format process. All data in this hard disc will be lost after this process. Please read the user manual to get more information !!!
Cancel
OK

Note: *This page can be also accessed via **Setup**->**System**-> **Format** menu.*
*A password needed when you try to format the HDD, please refer to '**3.1.6 MISC** ' for more details about the password.*

Step 2: Select **Format**, press **OK**, and then hard disk format will start.



The formatting procedure will be finished within a few minutes. And then you can use the hard disk properly on the player.

***Note**: HDD format will remove all data stored on the hard disk drive. Please take care and backup your data in advance!*

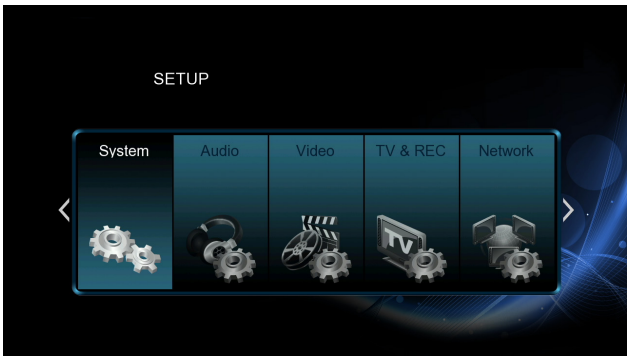
3. Main Functions

3.1 Setup Menu

The Setup menu allows you to personalize and configure the preferences for your player.

To select a Setup option:

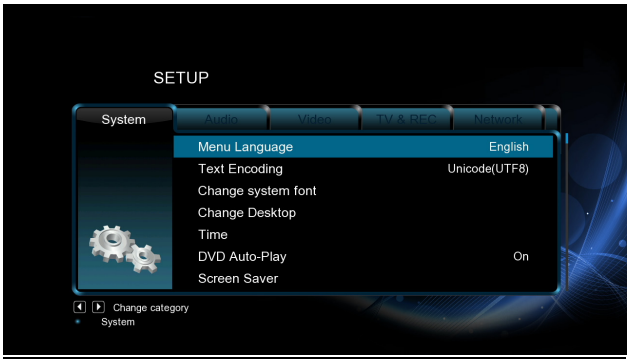
- Select the Setup icon on the home screen, or press **Setup** button on the remote control.
- Use the **Left**/**Right** navigational buttons to select an option, and then press **OK**.



There are five setup options, including **System**, **Audio**, **Video**, **Network** and **MISC**. Use the **Left**/**Right** navigational buttons to select a menu. Press **OK** to confirm. Press **Back** to cancel and display the previous menu screen.

3.1.1 Changing System Settings

Use this menu to configure system settings.



Menu Language

- Select to choose the OSD (On-Screen Display) language.

Text Encoding

- Select to set the text encoding option (subtitle display)

Change system font

- Select to change system font.

  Create a folder named "Resource" in the root directory of your USB or HDD, rename your font as 'font.ttf 'and then copy it to the folder.

Change Desktop

- Select to change the desktop.

  Create a folder named "Resource" in the root directory of your USB or HDD, rename your photo as 'desktop.png 'and then copy it to the folder.

Time

- Select to set system time.

DVD Auto-Play

- Select to turn on/off DVD auto-play.

Screen Saver

- Timing
  Select to change timing of screen saver.
- Options
  Select to change screen saver.

DLNA DMR

- Digital Media Renderer, can play content received from a **digital media controller (DMC)**, which will find content from a **digital media server (DMS)**

DLNA Device Name

- Select to name DLNA DMR.

Mini KBD Language

- Select to change the language of the mini keyboard.

Scan storage

- Select to set the scan mode of media library.

Resume Play

- Select to turn on / off resume playback (auto-bookmarking) feature for movies.

Format

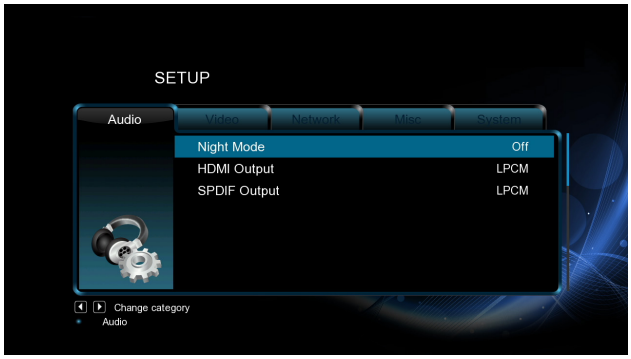
- Select to format your external HDD.

Restore Default

- Select to restore factory defaults.

3.1.2 Changing Audio Settings

Use this menu to configure audio settings



Night Mode

- Choose among **Off** / **On** / **Comfort**. If the option is turned on, the audio output volume will be decreased to make you more comfortable.

HDMI Output

- Choose among **LPCM, RAW**.

SPDIF Output

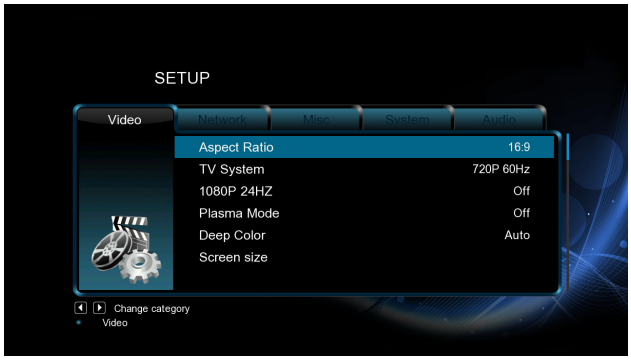
- Choose among **LPCM, RAW**.

Note: *In raw mode, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS sound can be by passed to the HDMI TV or Digital amplifier.*

Due to the bandwidth requirement, Dolby TrueHD and Dolby Digital Plus sound only can be by passed though HDMI cable, also the TV system must up to 720p or above.

3.1.3 Changing Video Settings

Use this menu to configure video settings.



Aspect Ratio

- **Pan Scan 4:3**: Display a wide picture on the entire screen and cuts off the redundant portions. Select when a standard 4:3 TV is connected.
- **Letter Box 4:3**: Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected.
- **16:9**: Compress the image to convert the whole image. Select when a 16:9 TV is connected.
- **16:10**: Select when a 16:10 TV is connected.

TV SYSTEM

- Select to adjust video output resolution.

1080p 24Hz

- Choose this option to enable or disable 1080P 24HZ support. A TV set with 1080P 24HZ (24P) mode is needed.

Plasma Mode

- Help to protect your plasma TV by reducing the level of brightness.

Deep Color

- Help to perform more detailed level of color depth, make continuous color change smoother. You can get more vivid color effects.

  A TV set with deep color support is needed.

Screen Size

- Adjust the video output size according to the size of TV screen. Press **Left/Right** button to adjust the width of the screen, and **Up/Down** button to adjust the height of the screen.
- And press Zoom button to fit the screen size you have set during video playback.

3.1.4 Changing Network Settings

Use this menu to configure your Wireless Local Area Network.

Wired Lan Setup

- **DHCP IP (AUTO)**
  Select to obtain IP address automatically.
- **FIX IP (MANUAL)**
  Select to manually input the IP Address, Subnet Mask, Default Gateway, and DNS Server IP Address.

Wireless Setup

There are 3 mode for you to select, **Infrastructure (AP)** and **Peer to Peer (Ad Hoc)** and **WPS (AP)** mode. Follow the prompting message on the screen and press **Red** button to choose **Peer to Peer (Ad Hoc)** or **WPS (AP)** mode.

This player can store up to three wireless network connections. Press **OK** to connect, press **Back** to cancel, and press **Zoom** to modify the parameters of the connection, press **Red** button to choose **Peer to Peer (Ad Hoc)** or **WPS (AP)**.

Infrastructure (AP)

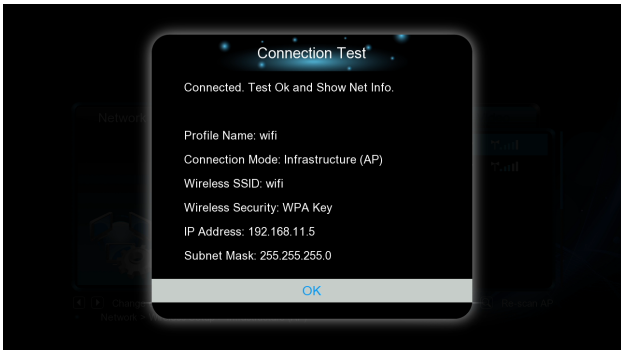
Infrastructure mode is used to connect computers with wireless network adapters, also known as wireless clients, to an existing wired network with the help from wireless router or access point. Please follow following steps to configure your wireless network .

Step 1: Scanning AP（Access Point）in your network

Follow the prompting message on the screen and press the **Zoom** button to select **Infrastructure (AP)** mode and update the access points list, and all SSID will be displayed on the screen.

Step 2: Input WEP / WPA key.

Press **OK** to input encryption keys via the virtual keyboard. Press the navigational buttons to select, **OK** to input, **FR** to move cursor left, **FF** to move cursor right, **Zoom** to switch between uppercase and lowercase, **Stop** to delete a character, **Red** to make more symbols available, **Green** to change the language of the virtual keyboard, **OK** to confirm and to start testing the connection.



The testing process will take for a while, please be patient to wait. If the test is ok, the network information (Profile Name, IP address, Subnet Mask, Gateway, etc.) will be displayed on the screen.

Peer to Peer (Ad Hoc)

Peer to Peer mode, which is also called Ad Hoc mode or computer-to-computer mode, is used to connect wireless clients directly together, without the need for a wireless router or access point.

WPS (AP)
WPS, Wi-Fi Protected Setup, is used to connect a wireless router directly, without searching SSID and inputting password. In this mode, you just need to configure the parameters of your router which support WPS function. There are two modes for you to select, PBC mode and PIN mode.

PBC: First press the WPS button on the router or select the button mode in the configuration menu of the router, then select the PBC mode, the connection process will take for a while, please be patient to wait.

PIN: Input the pin code when configure your router, then select the PIN mode, the connection process will take for a while, please be patient to wait.

PPPOE Setup
- Input the ADSL accountant and password in this menu, system will obtain IP address automatically from the server based on PPPOE protocol. Following the message on the screen to use this function.

BT
- Select to turn BitTorrent download On/Off. Please refer to '***BT download***' for more details on this unique feature of this product.

Transmission
- Select to turn transmission On/Off. Transmission is a free, open-source and cross-platform BitTorrent client. To use this function, launch a web browser such as Internet Explorer or Firefox, and at the address bar, key in http://192.168.50.196:9091 where 192.168.50.196 is the IP address of your product.
- You need format the external hard disk on the player to use transmission.

NAS Mode
- Select to turn NAS function On/Off. Please refer to '***SAMBA Server***' for more details on NAS function of this product.

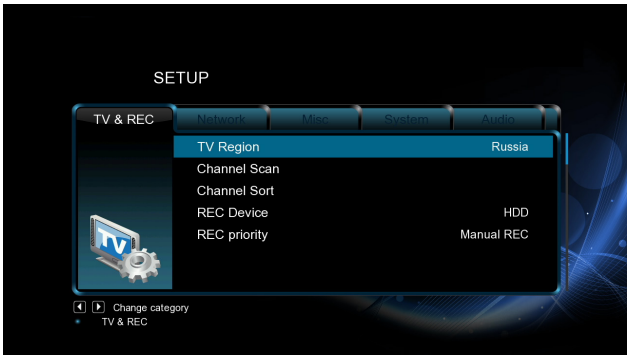
FTP
- Select to turn on / off FTP services and to configure your desired login User Name and Password. Please refer to '***FTP Server***' for more details on this unique feature of this product.

UPnP Server
- This player can work as a UPnP Server, all media files stored on external HDD can be founded by a UPnP client.

Host Name
- Select to key in your desired host name to be seen in your network.

3.1.5 Changing TV and Record settings

Use this menu to adjust TV and Record settings.



TV Region

- Select TV region.

Channel Scan

- Select to start channel scan automatically or manually.

Channel Sort

- Select to sort channels by name, LCN, Service ID or ONID.

REC Device

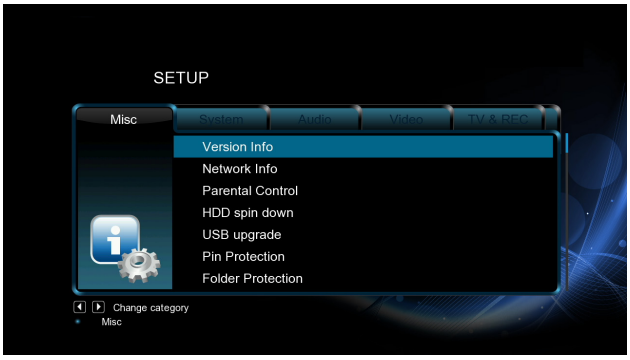
- Select to set device to restore the recorded files.

REC priority

- Select to choose record priority manual or schedule.

3.1.6 Miscellaneous

Use this menu to adjust miscellaneous settings.



Version Info

- This tab shows you information about the software installed and about the material components of your player.

Network Info

- This tab shows you information about your network, MAC Address, IP address Gateway, Subnet.

Parental Control

- Select to set the TV parental control options.

  The default password is '0000'. Press the **numerical** buttons to input, and the **OK** button to confirm.

USB Upgrade

- Select to update the firmware via a USB stick.
  1) Copy 'install.img' or extension files to the root directory of a USB stick, and connect it to the USB HOST port of the player.
  2) Press **OK** to confirm.

Edit Protection

- To prevent deleting files and formatting HDD by asking for a password.

The default password is '0000'. Press the **numerical** buttons to input, and the **OK** button to confirm.

Password

- Change the password.

The default password is '0000'. Press the **numerical** buttons to input, and the **OK** button to confirm.

3.2 Movie Library

Enter into movie interface; only supported files will be displayed.

3.2.1 Movie Library Options

In movie library, press **Menu** button to display the option menu, you can get following functions though the option menu.

Quick-Search

- Choose the **Search** option in the option menu, you can search for a media file by filter media library to locate the specific media file.

Review Mode

- Choose a review mode among **Thumbnails**, **List**, **Preview** from option menu.

Sorting Mode

- Choose to sorting by **Name**, **Size**, **Most Viewed** or **Recently Added** from option menu.

Show DVDs

- Choose to display DVD IFO, BD MV and ISO files directly in media library.

Flash Animation

- Choose to display .swf files in media library.

Go to Folder

- Choose to locate the file in file manager.

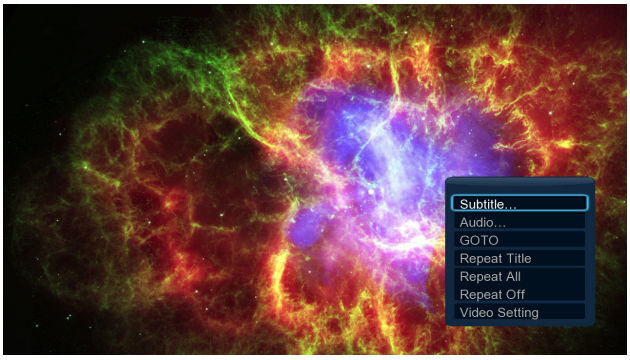
3.2.2 Movie Playback Control

You can access the following functions during playback.

Button	Function
Play/Pause	Pause or resume the current playback.
Prev/Next	View the previous or next file/chapter.
FR/FF	Fast rewind or fast forward. Press repeatedly to select the speed.
Slow	Play back in slow motion.
Goto	Jump to a specific point on a title. Specify the point using Title, Chapter and Time.
Menu	Display or hide the option menu during playback.
Stop	Stop playback.
VOL+/-	Increase/decrease the volume.
Audio	Select an audio track.
Subtitle	Select a subtitle and change the color/size/offset/text encoding of subtitle.
Repeat	Set the repeat option.
Zoom	Zoom in the image.
Info	View the media information.

3.2.3 Movie Playback Options

During movie playback, press **Menu** button to display or hide the option menu at the bottom of the screen.



Except select audio track, subtitle, repeat mode, you also can get following functions though the Option menu during video playback.

DVD Menu

- Select to return to the navigation menu during DVD IFO or ISO playback.
- Title menu, return to the main menu of entire disc during DVD playback.
- Root menu, return to the root main of each title during DVD playback.

GOTO

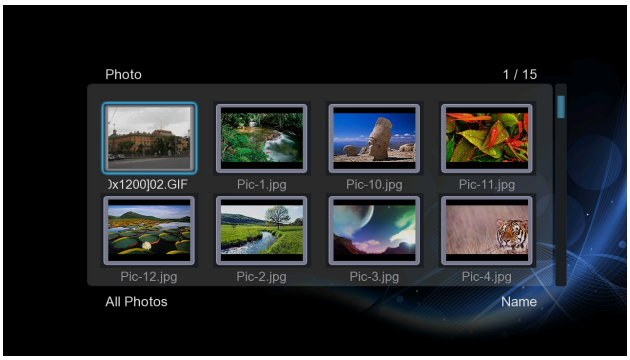
- Select to jump to a specific point on a title. Specify the point using Title, Chapter and Time.

Video Setting

- Select to adjust the value of **Brightness, Contrast, Saturation and Hue**.

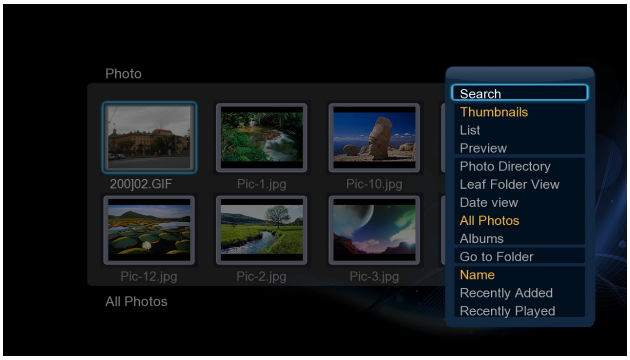
3.3 Photo Library

Enter into photo interface, only supported image files will be displayed. This player supports JPG/JPEG/BMP/files.



3.3.1 Photo Library Options

In photo library, press **Menu** button to display the option menu, you can get following functions though the option menu.



Quick-Search

- Choose the **Search** option in the option menu, you can search for a photo by filter photo library to locate the specific photo.

Review Mode

- Choose a review mode among **Thumbnails**, **List**, **Preview** from option menu.

Sorting Mode

- Choose to sorting by **Name**, **Recently Added** or **Recently Played** from option menu.

Folder Directory

- Choose to show all folders.

Leaf Folder View

- Choose to show all folders that included photo.

Date View

- Choose to view photo by date.

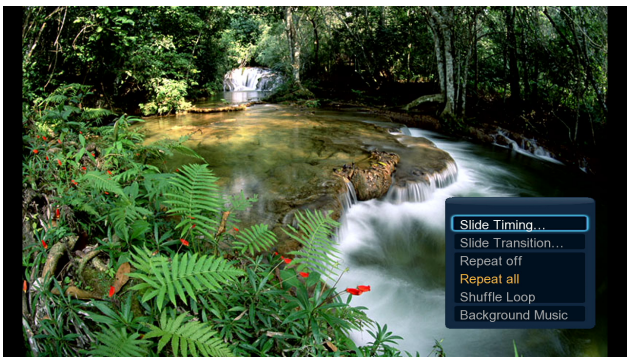
3.3.2 Photo Playback Control

You can access the following functions during photo playback.

Button	Function
Prev / Next	View the previous or next photo.
Up / Down	Rotate a photo in any angle.
Menu	Display or hide the option menu during playback.
Stop	Stop playback.
Zoom	Zoom in the image.

3.3.3 Photo Playback Options

During photo playback, press **Menu** button to display or hide the option menu at the bottom of the screen. You can get following functions though the Option menu during photo playback.



Slideshow Control

- Select to choose the **Interval** and **Transition effect** of the slideshow.

Repeat Mode

- Choose a repeat mode among **Repeat off, Repeat all** and **Shuffle Loop** from option menu.

Select Music

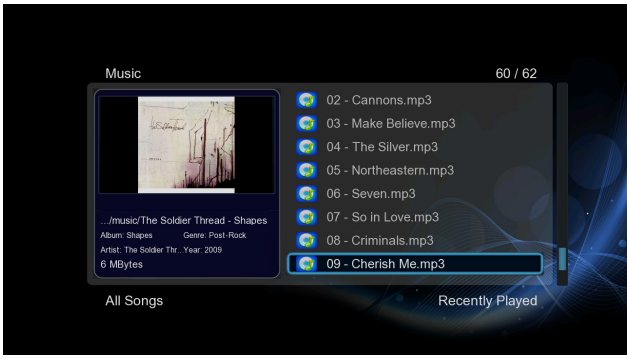
- Select to turn on/off background music during slideshow playback.
- Select a special music as the background music during photo playback.

Video Setting

- Select to adjust the value of **Brightness, Contrast, Saturation and Hue**.

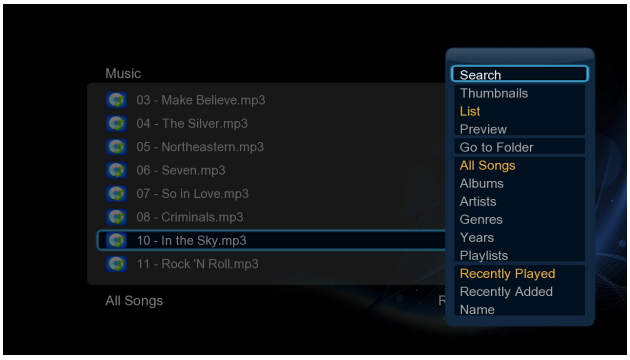
3.4 Music Library

Enter music interface, only supported audio files will be displayed. This player supports MP3, WMA, and OGG audio files.



3.4.1 Music Library Options

In music library, press **Menu** button to display the option menu, you can get following functions though the option menu.



Quick-Search

- Choose the **Search** option in the option menu, you can search for a music by filter music library to locate the specific music.

Review Mode

- Choose a review mode among **Thumbnails**, **List**, **Preview** from option menu.

Filter options

- Choose **Albums** to search for music files by album.
- Choose **Artists** to search for music files by artist.
- Choose **Genres** to search for music files by genre.
- Choose **Years** to search for music files by modified year.

Sorting Mode

- Choose to sorting by **Name**, **Recently Added** or **Recently Played** from option menu.

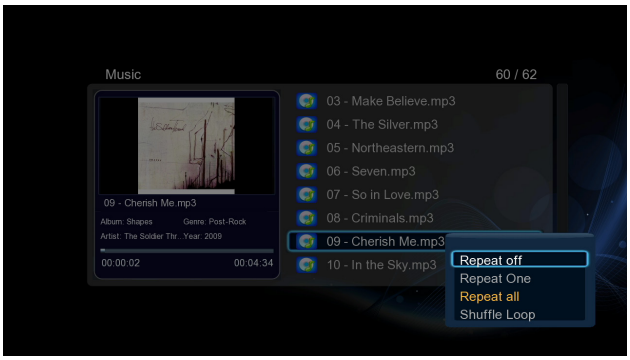
3.4.2 Music Playback Control

You can access the following functions during music playback.

Button	Function
Play/Pause	Begin/Pause playback.
FR / **FF**	Fast rewind or fast forward. Press repeatedly to select the speed.
Prev / **Next**	Go to the previous or next track.
Menu	Display or hide the option menu during playback.
VOL+/-	Increase/Decrease the volume.
Repeat	Set the repeat option.
Shuffle	Select the shuffle mode.

3.4.3 Music Playback Options

During music playback, press **Menu** button to display or hide the option menu at the bottom of the screen. You can get following functions though the Option menu during music playback.



Repeat Mode

- Choose a repeat mode among **Repeat off, Repeat one, Repeat all** and **Shuffle Loop** from option menu.

3.5 DTV

In this menu, you can watch and record Digital Terrestrial TV programs, or have the time shift function. To enter the DVB-T TV mode, select the **DTV** icon on the main menu.
The following are some functional buttons on the remote control available when watching Digital TV programs.

Name	Function
OK	Press to view the program list menu.
Up/Down	Press to switch channels. (Channels cannot be switched in the recording mode.)
Numeric buttons	Press to input channel numbers. Press the **OK** button to confirm.
REC	Press to start recording the current TV program.
Time Shift	Press to activate the time shift function.
Subtitle	Press to activate the subtitle list menu if available.
EPG	Press to activate the EPG menu if available.
TXT	Press to activate the Teletext menu if available.
Zoom	Press to zoom out the image.

3.5.1 Watching DVB-T Programs

Program List Menu
Press the **OK** button when watching DVB-T TV programs, and the program list menu where you can see the program number and name will be displayed.
All the TV and Radio programs will be listed on this list. Press the **Up/Down** button to select channels, and press the **OK** button to confirm. Press the **Prev/Next** button to page up /down.

Info Bar
While switching channels by the **Up/Down** button, an info bar will be displayed to show the channel information.

Electronic Programming Guide
Press the **EPG** button when watching DVB-T TV programs, the Electronic Programming Guide will be displayed.
Press the **Prev/Next** button to change channels. Press the **Left/Right** button to change date. Press the **Up/Down** button to change program. Press the **RED** button to add / delete scheduled recording.

Teletext Menu
If the broadcasted stream supports Teletext, press the **TXT** button to enter the Teletext menu.
Press **Navigational** and **Numeric** buttons to view the content in the Teletext menu.

Subtitle List Menu
Press the **Subtitle** button when watching DVB-T TV programs, the Subtitle List menu will be displayed.
Press the **Up/Down** button to select the subtitle, and press the **OK** button to confirm.

3.5.2 DVB-T Program Recording

Press **REC** button to start the recording, recording files are automatically stored in a folder named REC by default.

This product allows you to watch other programs while recording is running. When recording is running, press the **OK** button, you can get the program list, then use **Up/Down** button to select the channel.

3.5.3 Time Shifting

Time shift function allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the internal HDD as long as the space is available. Press the **TIME SHIFT** button to active time shift function. Press **Play** button to resume the program. Time shift mode remains active until you press the **Stop** button.

3.6 Schedule recording

The **Timer Record** menu allows you to create, edit and delete recording schedules and view all schedule status and history. Select the **TIMER REC** icon on the main menu to enter this menu.

Create a New Schedule
Press the **Left/Right** button on the remote control to select the **Edit** tab from the menu bar.
Select **Add a New Schedule** and press the **OK** button. The schedule setting screen appears.

Use the **Left/Right** button on the remote control to move between fields and press the **Up/Down** button to adjust each setting.

Name	Function
Source	Select the video source or TV channels for the recording.
Start Time	Enter the date and time of the recording.
Length	Enter the length of the recording.
Repeat	Select how often you want the schedule to record. Choose from Once, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Quality	Select the recording quality. Choose from HQ, SLP, EP, LP and SP. The higher the quality, the more space required on the hard drive. See **HDD Free Space** on the left of the screen for details of how long you can record for using each setting.
Preview	This small preview window will show the current program of the selected channel.

Edit Schedule
Press the **Left/Right** button on the remote control to select the **Edit** tab from the menu bar.
Select the schedule you want to edit from the list and press the **OK** button. The schedule setting screen appears. Modify the schedule as described in '***Create a New Schedule***'.

Delete Schedule
Press the **Left/Right** button on the remote control to select the **Delete** tab from the menu bar.
Select the schedule you want to delete and press the **OK** button. A confirmation message appears.
Select **CANCEL**, **Delete the selected schedule**, or **Delete all schedules**. Press the **OK** button to confirm.

View Schedule Status
Press the **Left/Right** button on the remote control to select the **Status** tab from the menu bar.
The schedule list is displayed. Select a schedule and press the **OK** button.
Select **Enable the selected schedule** or **Pause the selected schedule**. Press the **OK** button to confirm.

Viewing Recording History
Press the **Left/Right** button on the remote control to select the **History** tab from the menu bar.
Here you can view a complete history of all recordings that were set.

3.7 File Manager

The file manager allows you to browse and play music, photo and movie files stored on an external devices and network.

3.7.1 File Manager Options

In file manager, press **Menu** button to display the option menu, you can get following functions though the option menu.

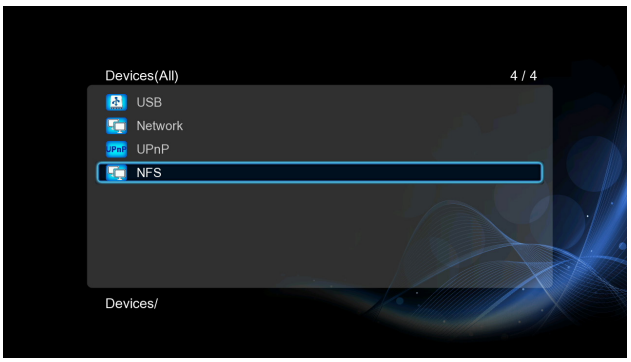
Review Mode

- Choose a review mode among **Thumbnails**, **List**, **Preview** from option menu.

Filter options

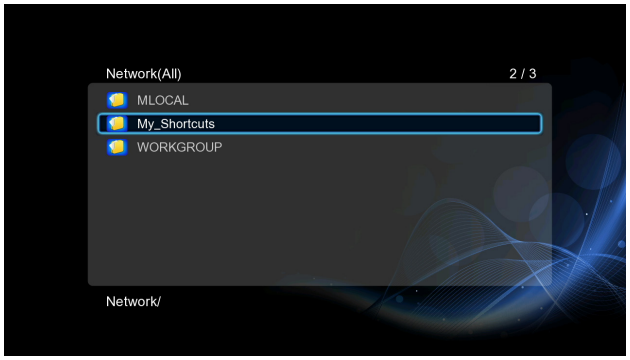
- Choose **Movies** to display all the the supported video files in current directory.
- Choose **Photos** to display all the supported image files in the current directory.
- Choose **Music** to display all the supported audio files in the current directory.

3.7.2 A/V Streaming via Network



You can stream your media files shared on the home network. Please refer to '***3.1.4 Changing Network Settings***' for more details on network settings.

There are two ways to locate media files shared on your local network in the **Network** menu. One is to browse through workgroup; the other way is to browse through '**My_Shortcuts**'.



3.7.2.1 Browsing though workgroup

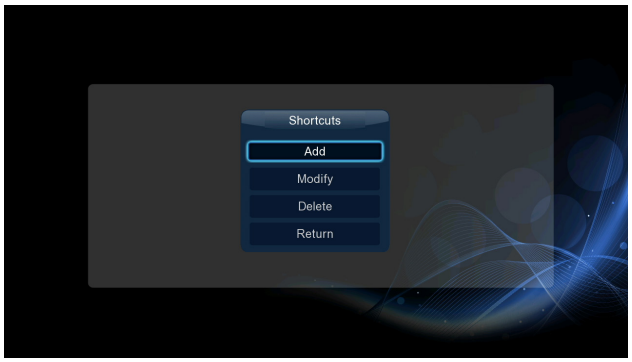
You can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press the **OK** button to confirm. Then you can select and play the shared media files that you want to browse.

***Note**: Due to different network conditions, sometimes the workgroup might not be accessed or shown in the list. And then you need to use '**My_Shortcuts**' to browse shared files.*

3.7.2.2 Browsing though 'My_Shortcuts'

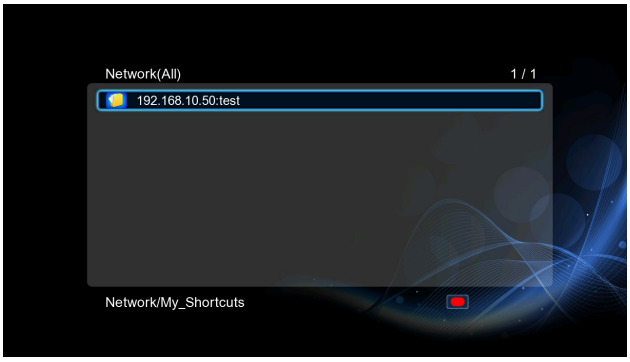
You can also set '**Specific File Server IP**' and access it from '**My_Shortcuts**' in the menu.

- Press the **Red** button and a popup menu appears.



- Select **Add** to open a popup menu where you can input **Label**, **Net User ID**, **Net Password**, **Domai**n, **Host Name**, and **Specific File Server IP**. Select **OK** to confirm, **Cancel** to cancel, and **Simple** / **Detail** to switch between simple and advanced options.

- Select the shortcut you added and press the **OK** button to confirm. Then you can select and play the shared media files on the destination computer.



3.7.3 A/V Streaming via UPnP-server

A built-in UPnP (Universal Plug and Play) client has been integrated on the system, which enables the player to auto-detect UPnP Media Servers on the network to browse and stream media files from them.

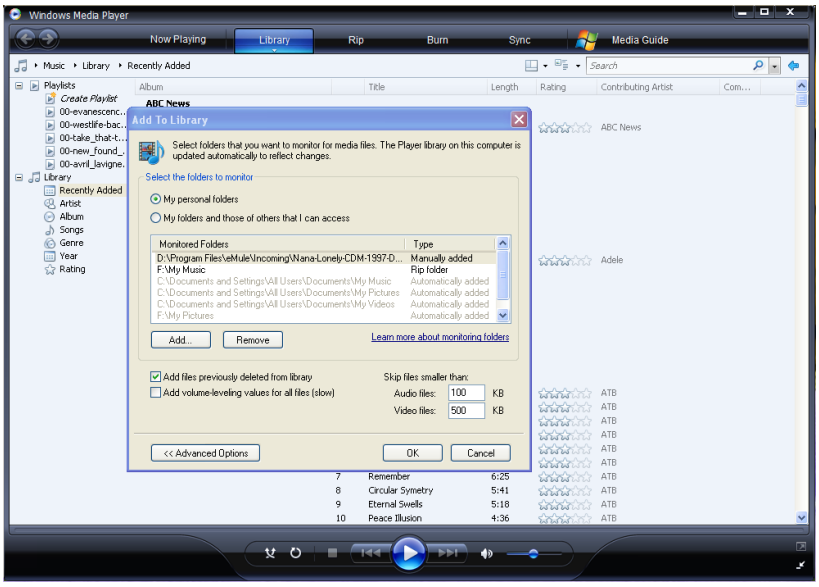
3.7.3.1 Installing UPnP Media Server on your PC

There're a lot of free and commercial UPnP Media Server software, such as Windows Media Connect, Windows Media Player 11, XBMC Media Center (Linux/Mac/Windows), MediaTomb (Linux), etc. Please install one of them on you computer. In the following chapters, we will take Windows Media Player 11 on Microsoft Windows XP SP2 for an example.

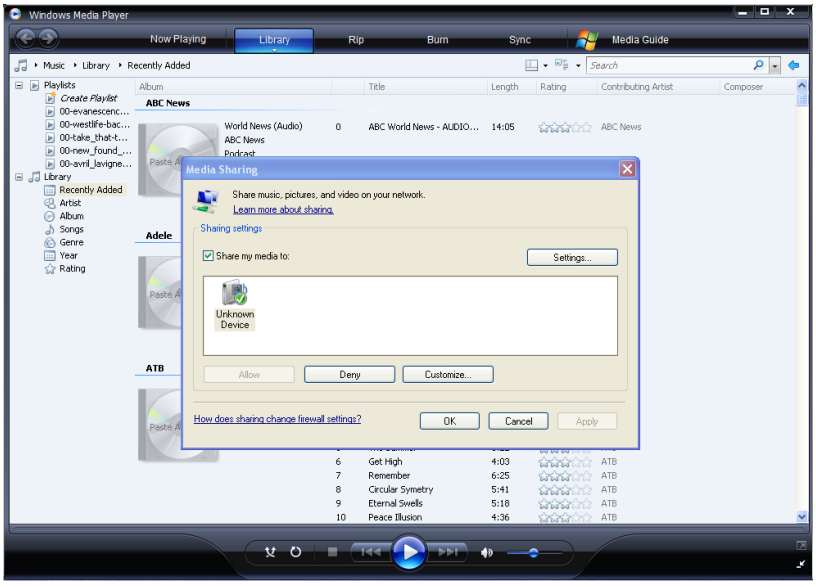
3.7.3.2 Sharing Media on your PC

The Media Sharing feature of Windows Media Player 11 lets you enjoy the contents of your Windows Media Player library from anywhere in your home.

- Open Windows Media Player 11, click **Library** -> **Add Library** -> **Advanced Options** to add or remove media files from the library.



- Click **Library** -> **Media Sharing**, then you can allow or deny devices to access the media library. Click **Allow** to authorize your player.



3.7.3.3 Streaming Media on your Player

- Connect your player to the home network (LAN or WLAN).
- Visit **Files Manager** -> **UPnP** menu on the player, select the UPnP-server, and press **OK**.

- Then you can browse the media library shared by Windows Media Player 11.

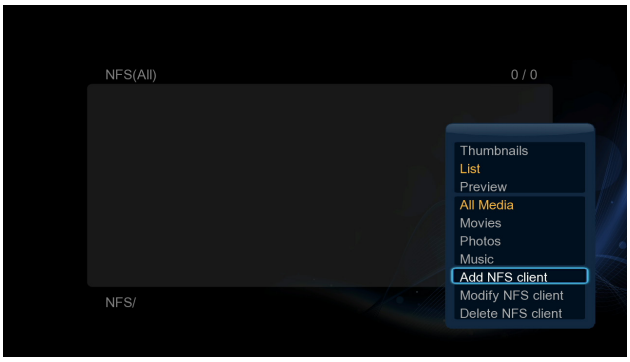
***Note**:*

- *Make sure your player and your computer are on the same local area network and subnet.*
- *Firewalls may prevent your player to communicating with your computer. Please open the ports manually and add your player to the 'trusted' list, or disable the firewall temporarily.*

3.7.4 A/V Streaming via Linux NFS server

This system enables you to browser the media files shared on Linux NFS Server (Ethernet or WLAN). Please refer to '***3.1.4 Changing Network Settings***' for details about network settings.

- Visit **Files Manager** - > **NFS** menu
- Press the **Menu** button and a popup menu appear. You can then Add/Modify/Delete a NFS server's shortcut. Select **Add** to open a popup menu where you can input the **NFS Server's IP** and the desired folder **destination**.

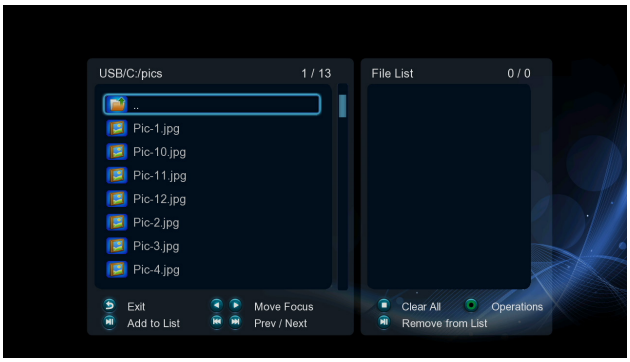


Then you can select and play the shared media files on the Linux NFS server.

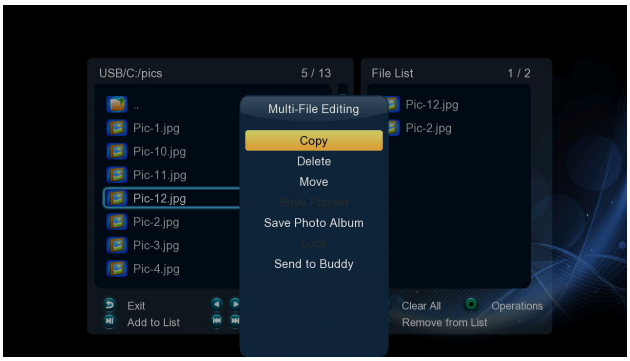
3.8 Copy Function

3.8.1 Copy under Media Library

Step 1: press **Copy** button to enter file selecting menu.



Step 2: press **Play/Pause** button to select file or folder which you want to copy to the list.
Step 3: press **Edit** button to enter multi-file editing menu.



Step 4: Select destination, and then follow the prompt on screen to finish the copy process.

3.8.2 Copy under File Manager

Press **Edit** button to enter file editing menu, choose **Copy** and follow the prompt on screen to finish the process. If you want to select more files and folders, please choose **Multiple Select** to enter the file selecting menu.

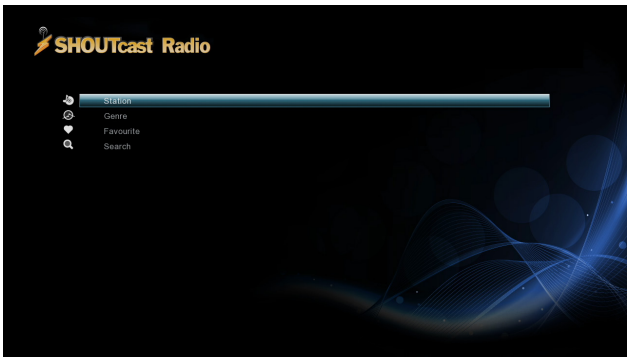
3.9 Internet Media

This feature is additional function. All contents and services under this feature are provided by third-party service providers, our company does not offer any contents and services of this feature and it not responsible for any contents and services provided under this feature. Our company is not responsible for any operational stability of the contents and services, for example, if you cannot access certain web site for video streaming or news broadcast, or the content of a web site has been changed etc, are all responsible and control by the third-party service providers. If you find that these features cannot operate properly, please contact our customer service or visit our company website to obtain the relevant information.

Here are the introductions of shoutcast radio, BT download and video podcast function.

3.9.1 SHOUTcast Radio

Select **SHOUTcast Radio** icon to get all free internet radio stations, press **OK** to select and play radio station, press **Back** to come back



***Note**:*

- *When you enter the Digital Radio menu at the first time, it will take several seconds to download data from the Internet, please be patient to wait;*
- *For more about SHOUTcast, please refer to the website: www.shoutcast.com*

Station
- All downloaded stations will be listed under this menu.

Genre
- You can search for stations by genre (pop, rock, jazz, etc.) under this menu.

Favorite
- Your favorite stations can be kept under this menu.

Search
- You can search for stations with the on-screen virtual keyboard under this menu.

3.9.2 BT Download

Select the **BitTorrent** icon on internet media menu. You can see the status of torrents download progress and configure the BT download settings in this menu. Press **Left/Right** button to enter into download menu and BT setup menu.

***Note**: You need format the external hard disk on the player to use BT Download function.*

Add a torrent
Locate your torrent file in file manager menu,then press **OK** button to add the torrent to start downloading.

Download Menu
After add the BT torrent files, the download progress can be displayed in this menu.

The following buttons can be used under this menu.

Button	Function
Up/ Down	Move cursor up / down.
OK	press to adjust the priority of the download task
Play/Pause	Press to start/pause download.
Stop	Press to stop the download.
Back	Return to the previous menu.

BT setup Menu

In the **BT Setup** menu, you can configure the following settings. Use **Up/Down** and **OK** to change the settings.

- Set the maximum download rate.
- Set the maximum upload rate.
- Set the idle hours to start the next download automatically.
- Set the seeding hours.
- Set to delete the finished torrent files automatically or not.
- Set the maximum number of simultaneous download tasks.

3.10 Web Browser

The following buttons can be used during webpage browsing.

Button	Function
Red	Press to enter navigation mode or normal mode. In normal mode, only mouse can be used to move the cursor. In Navigation mode, remote control also can be used to move the cursor.
Green	Press to pop up the address bar.
Navigation buttons	In Navigation mode, press navigation buttons to move cursor. In normal mode, press Up/Down to move to the top/bottom of the webpage.
OK	Press to enter selected hyperlink while in navigation mode.
Play	Press to load the web site when the cursor stays on the address bar.
Back	Return to exit web browser.

3.11 SAMBA Server and Client

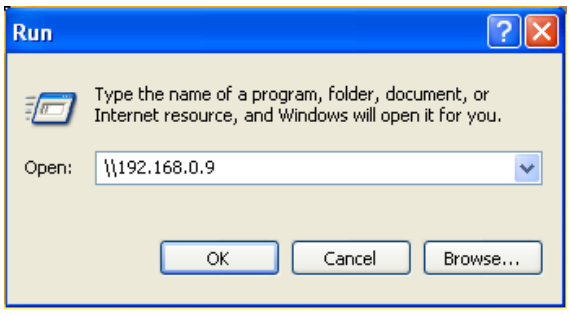
This player can be used either as a SAMBA Server or as a client.

3.11.1 SAMBA Client

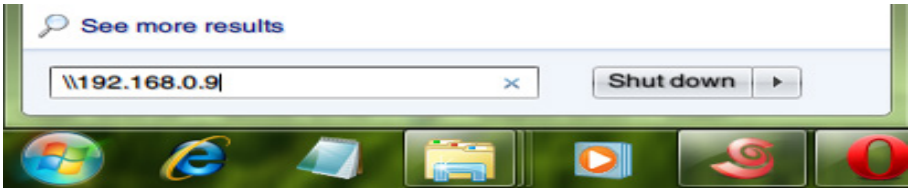
You can stream media files shared on the home network. Please refer to '***3.5.2 A/V Streaming via Network***' for more details.

3.11.2 SAMBA Server

- This product functions as a NAS (Network Attached Storage) device when it is attached to the home network via WLAN. This feature allows users to store and retrieve large amounts of data from their own local network.
- When the network connection is done correctly and ready for use, please turn on **SAMBA** function in the setup menu in advance (refer to ***3.1.4 Changing Network Settings*** for more details), and then type in: \\IP Address or \\Host name in the Run window (click Run in the start menu) or in the address bar of a web browser, for example Internet Explorer on your PC (if the IP address of the product is 192.168.0.9, please type in: \\192.168.0.9), and click OK or press the Enter button on the keyboard.



Under Windows Vista and Windows 7, please type in: \\192.168.0.9 at the search bar, then press the Enter button on the keyboard.



You can then manage the files stored on the internal hard disk of the product. In this way, you can also playback and copy files via network between your PC and the internal hard disk of this product.

***Note**: Make sure the player is connected properly to WLAN with Internet access, please refer to '**3.1.4 Changing Network Settings**' for more details.*

3.12 FTP Server

This product can also function as a FTP Server when it is attached to your home network via wired or wireless connection.

3.12.1 FTP Server Configuration

- You can configure the username and password of the FTP Server. Please refer to '***3.1.4 Network setup***' on doing so.

On your product,
- Assign a manual Fixed IP address for the product, for example 192.168.0.9 when you connect to your router either via wired or wireless connection.
- Assign the same subnet mask as your router, usually 255.255.255.0 and the gateway of your router (router's local IP address, usually 192.168.xxx.xxx). Please refer to your router documentation on getting these information from your router.
- Key in your router DNS IP address (primary or secondary)

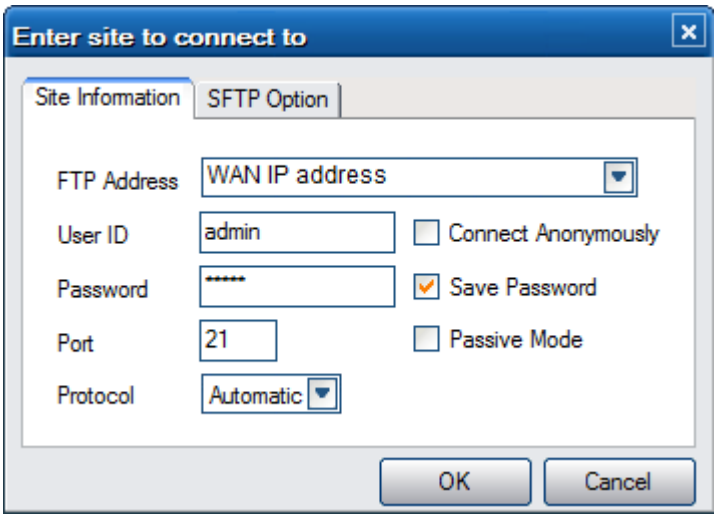
On your router,
- Configure FTP Server within your router's Virtual Server setting and key in the above IP address in example, 192.168.0.9 and change the public port to 21 and private port to 21 which is by default.
- For your convenience, you can also choose to enable Dynamic DNS and sign up for a free DDNS domain at any of the website providing such free services. An example would be www.dyndns.com
- At your router's DDNS page, key in your host name and enter the same user name and password when you create a DDNS account. Please refer to your router documentation on getting these information from your router.

3.12.2 Accessing from a FTP program

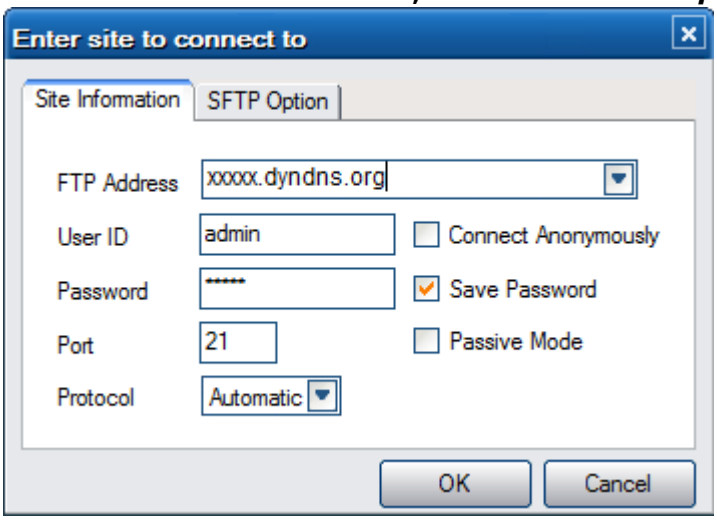
Using your favorite FTP application on your PC, an example would be ALFTP, which can be downloaded from http://www.altools.com/ALTools/ALFTP.aspx

At the FTP program connection page, you can either connect using your router's WAN IP address or via your DDNS host name.

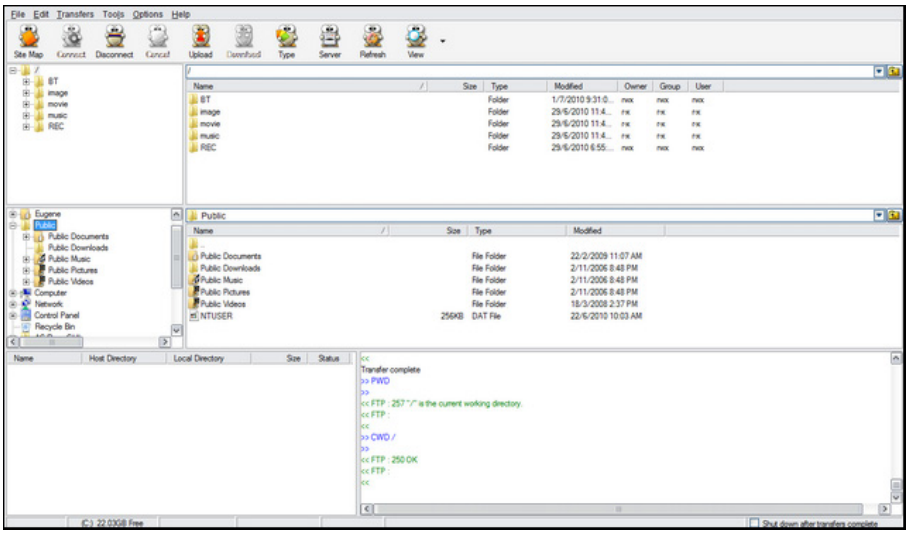
Be sure to start the FTP service with your User Name and Password as discussed at **FTP, '*3.1.4 Network setup*'**



FTP Address: Your router's WAN IP address
User ID: The User Name which was set under **FTP, *'3.5 Network setup'***
Password: The Password which was set under **FTP,' *3.5 Network setup'***



FTP Address: Your DDNS host name
User ID: The User Name which was set under **FTP,' *3.1.4 Network setup'***
Password: The Password which was set under **FTP,' *3.1.4 Network setup'***



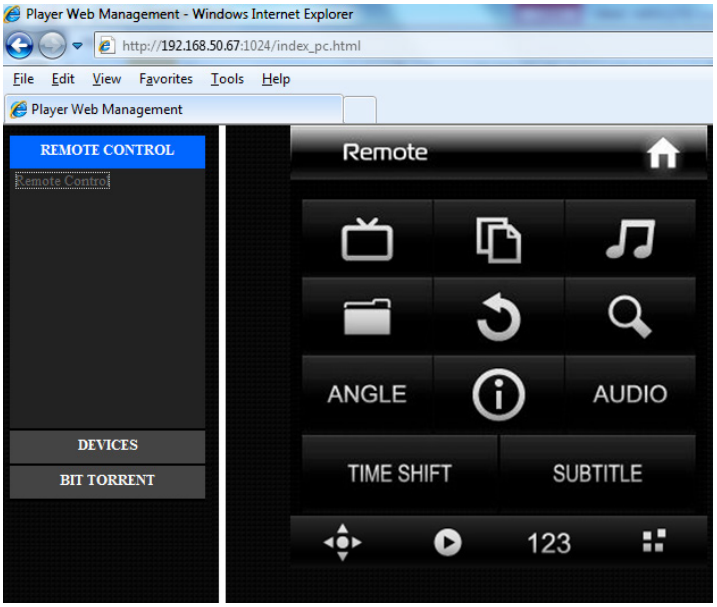
After login is successful, you will be able to upload/download files via FTP Server.

3.13 Remote Management

This product comes with a unique remote management feature that allows user to remotely access from the internet to operate the following functions on the product via a built-in HTTP server.

Remote Control

Using the on-screen virtual remote control and use it like you would with the hand-held.



BitTorrent management

View and manage your BitTorrent tasks remotely over the internet.

HTTP Server configuration

On your product,

- Assign a manual Fixed IP address for the product, for example 192.168.0.9 when you connect to your router either via wired or wireless connection.
- Assign the same subnet mask as your router, usually 255.255.255.0 and the gateway of your router (router's local IP address, usually 192.168.xxx.xxx). Please refer to your router documentation on getting these information from your router.
- Key in your router DNS IP address (primary or secondary)

On your router,

- Configure HTTP Server within your router's Virtual Server setting and key in the above IP address in example, 192.168.0.9 and change the public port to 1024 and private port to 80 which is by default.
- For your convenience, you can also choose to enable Dynamic DNS and sign up for a free DDNS domain at any of the website providing such free services. An example would be www.dyndns.com
- At your router's DDNS page, key in your host name and enter the same user name and password when you create a DDNS account. Please refer to your router documentation on getting these information from your router.

To access via HTTP server in your local network, launch a web browser such as Internet Explorer, Firefox or Safari, and at the address bar, key in **http://192.168.0.9:1024** where **192.168.0.9** is the IP address of your product.

To access via HTTP server from out of your local network, launch a web browser such as Internet Explorer,Firefox or Safari, and at the address bar, key in either

- **http://123.456.789.000:1024** where **123.456.789.000** is the WAN IP address of your router. Please refer to your router documentation on getting this information from your router.

Or

- Key in **http://DDNS-HOST-NAME:1024**, where **DDNS-HOST-NAME** is the host name which you have signed up for at your desired DDNS service provider.

4. Upgrading the Firmware

The firmware is the operating system (OS) installed on the device. Firmware upgrades can bring new features, improvements and bug fixes.

Step 1: Copy 'install.img' to the root directory of a USB stick, and connect it to the USB HOST port of the player.
Step 2: Press and hold the **power** / **standby** button on the front panel, and do not loosen.
Step 3: Plug the power cable into the DC IN jack, wait for about 5 seconds or more, and then loosen your finger on the **power** / **standby** button;

Firmware installation will start. There is another way for upgrading. Please refer to **USB Update** in chapter '***3.1.6* Miscellaneous**' for more details.

5. Frequently Asked Questions

Question 1. When I try to disconnect the USB device, I keep on getting "The device 'Generic volume' cannot be stopped right now. Try stopping the device again later." message, what should I do?

Answer:

Close any program that might be accessing data on the player, including Windows® Explorer. If it does not work, close all programs and wait for another 20 seconds, then try the green arrow icon again. If it still does not work, you should shut down the player and disconnect the USB cable.

Question 2. I find new file names and folder names that I never created before or they have strange gibberish names.

Answer:

Most likely, the player's file allocation table (FAT) has been corrupted. This might be due to the player shutting down (due to low battery power) while reading or writing to your computer by the USB connection. Windows and Macintosh often write extra files to the hard disk such as finder.def or System volume info. These are normal and will not do any harm to the player.

Question 3. I used my player to transfer files back and forth between different computers. Will defragmenting the player hard disk do any harm to it?

Answer:

Defragmenting the player hard disk may be useful after having transferred many files to and from the player. It is never harmful to use the defragment on the player. Make sure no other programs are running while using the Windows® defragment utility. Make sure you have connected the player with the external power adapter during this procedure.

Question 4. My files have disappeared from the player.

Answer:

Make sure that you browse your files via the correct browser mode which means correct filtered views such as Photos, Music, or Movies.

Question 5. During power on, why does the TV will have a short flashing, blue screen or screensaver?

Answer:

This is normal, when the system initializes, it will setup the corresponding parameters so it can output the correct video signal to the TV, during the initializing time, the TV will receive incorrect signals or the signals will not be stable and will cause the TV screen to flash, some TV's will treat this as no signal, and will display a blue screen or screensaver.

Question6. Why couldn't the player find the hard disc?

Answer:

You need format the hard disk on the player before usage. If hard disc failure occurs in file manager, please backup your data and format your HDD on the player.

Question7. Why I can't find my USB drive in file manager?

Answer:

Try to replace a short USB cable or plug in the power cable to your USB drive. You are suggested to plug in one USB drive at the same time.

6. Appendices

6.1 Warranty Information

Obtaining Service

iconBIT values your business and always attempts to provide you the very best of service. If this Product requires maintenance, either contact the dealer from whom you originally purchased the Product or visit our product support Web site at *www.iconbit.com*. Your original box and packaging materials should be kept for storing or shipping your iconBIT product. iconBIT shall have no liability for lost data regardless of the cause, recovery of lost data, or data contained in any Product placed in its possession.

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